Estimate Cost :250.00 Lakhs Original/Duplicate/Triplicate Tender Cost :2,29,17,354.00 Escluding GST

WorkOrder No:EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020. Job Code: 010-20-00371

Head of Account: P-3779

CONTRACT CERTIFICATE

1st & Final Bill, (For Other Works) Date: - -2021.

Division Executive Engineer, LAKES DIVISION BBMP

Bill Received No. ..... Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate)	**PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.**
Name of Contractor and Full Address:	**Sri.Mahesh K.N** No.24,2nd Cross, Hosahalli, Vijayanagara Bengaluru-560040
Reference to Agreement No.	EE-4 LAKES AGMT 09/2020-21, Dated:16-04-2020.

Certified that the measurement were taken by me on from 01.07.2020 To 07.09.21 and recorded of pages 666608

to 619 of measurement Book No: 6667/21-22 that the work is satisfactorily executed.

This bill Measurements are accepted by me

Contractor

Officer-In-Charge of work

Certified that the measurements were checked by me on from 01.07.2020 To 07.09.2021 found correct.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office

11/01/22

Asst Executive Engineer, Lakes, BBMP

Sub Division Officer

if Memorandum of Payment

1) Total value of work done or supplies made as per account within		25,46,900/-
2) Deduct amount to be held in reserve being.....per cent Rs.		25,2415/-
3) Deduct amount to be held in Balance		2,29,895/-
4) Deduct Payments:		2,27,895/-
a) Amount of previous payment as in the office Cash Book Voucher No ..... Dated .....S.D No.....		2,27,895/-
Amount adjusted towards cash advance recovery of		2,27,895/-
b) Payments cost store or other materials supplied		2,27,790/-
Now made recovery of amount creditable to this/other work		1,56,700/-
Amount paid on this bill Cheque/Cash		10,90,670/-
5) Balance being unpaid value of work done held in reserve		04,33,445/-
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated ..... less adjustments 25,46,900/-		
7) Net amount due to or from contractor 25,46,900/-		
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied 24,37,830/-		24,37,830/-

Audited and correct for Rs 25,46,900/-

Passed for Rs Twenty five lakh forty six thousand nine hundred only

By Neeta

Audited and correct for Rs 25,24,115/-

Passed for Rs 24,37,830/- 04,33,445/- Twenty four lakh seventy one thousand two hundred seventy five only

By Neeta

Received Rs. 10,90,670/- by Acius.net (in words) Ten lakh ninety thousand six hundred seventy only

by cash and by adjustment of Payments as per memorandum.

Witnesses: 1. SIAC 2. Exe. Engineer Lakes Bruha, Bangalore Mahanagara Palike

Stamp

Signature of Contractor

Dated..... dated.....

Paid by me by cheque No.....dated.....

Cast Rs.....

Initials of Officer making payment

Contractor's Signature

(For use in the Office)

10,90,670/- by Acius.net

SIAC Exe. Engineer Lakes

Executive Engineer, Lakes Division BBMP

NAME OF WORK : PROVIDING PATHWAY ... AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

Item No.	Descrption	Unit	As per BOQ Qty	Rate	Amount	Present Quantity Qty	Rate	Amount	Total Up-to-date Qty	Amount
1	**Earth work excavation for foundation** of structures upto 3 mts. by mechanical means as per drawing and technical specifications, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM etc., complete.	Cum	790.55	57.85	45733.32	790.55	57.85	45733.32	790.55	45733.32
3	**Earth work for lowering and levelling the ground** other than foundation works by mechanical means upto 3.00 depth, including providing shoring strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required & utilising/transporting the remaining earth upto 1.00 km lead. Including the cost of labour & HOM as per drawing and technical specification.	Cum	606.12	67.86	41131.30	606.12	67.86	41131.30	606.12	41131.30
5	**Providing and Filling in foundation with granite/trap** hasen metal 100 mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications	Cum	81.51	2702.19	220255.51	81.51	2702.19	220255.51 220228/-	81.51	220255.51 220228/-
6	**Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 40mm** and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	174.80	5877.18	1027331.06	174.80	5877.18	1027331.06	174.80	1027331.06
7	**Providing and constructing granite / trap / basalt size stone masonry in foundation** with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	110.85	5112.91	566766.07	110.85	5112.91	566766.07	110.85	566766.07
8	**Providing and constructing granite / trap / basalt size stone masonry in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	169.24	6099.67	1032308.15	169.24	6099.67	1032308.15	169.24	1032308.15
9	**Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	161.29	6031.81	972870.63	161.29	6031.81	972870.63	161.29	972870.63
10	**Providing and laying in position reinforced cement concrete of Design mix M25** with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed 2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, beams, struts, buttresses, bed blocks, anchor blocks & plinths	Cum	173.43	6465.68	1121342.88	173.43	6465.68	1121342.88	173.43	1121342.88

& Final Bill,

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

Item No.	Descrption	Unit	As per BOQ			Present Quantity			Total Up-to-date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
11	**Providing T.M.T. steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, lying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and Paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS for TMT Bars Fe 550	Tonne	12.79	79561.63	1017593.25	12.79	79561.63	1017593.25	12.79	1017593.25
12	**Providing and removing centering, shuttering, strutting, propping etc.,** and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	506.16	398.26	201583.28	506.16	398.26	201583.28	506.16	201583.28
13	**Filling available excavated earth (excluding rock) in sides of foundations upto plinth** in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	1572.43 2233.76	223.61	351611.07	1572.43	223.61	351611.07	1572.43	351611.07
14	**Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 75** (Machine moulded Wirecut bricks) with cement mortar 1 :6 for basement and superstructure with cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 complete	Cum	32.26	11255.97	363117.59	32.26 32.25	11255.97	363117.59 363005/-	32.26 32.25	363117.59 363005/-
15	**Providing ruled pointing to coursed stone masonry with cement mortar 1:4,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	352.98	155.75	54976.64	352.98	155.75	54976.64	352.98	54976.64
16	**Providing and finishing external walls in one coat** with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	260.73	56.74	14793.82	260.73	56.74	14793.82	260.73	14793.82
17	**Providing and laying plat form using prepolished, water cut / gang saw 40mm thick** telephonic Black Granite, laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing.	Sqm	350.39	3921.46	1374040.37	350.39 343.10	3921.46	1374040.37 1345450/-	350.39 343.10	1374040.37 1345450/-
18	**Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick** water cut/gang saw Grey Granite, Black Granite, and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%, Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @ 22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., complete.	Sqm	188.18	2516.41	473538.03	188.18	2516.41	473538.03	188.18	473538.03

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NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

Item No.	Descrption	Unit	As per BOQ			Present Quantity			Total Up-to-date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
19	**Fabrication supplying and erecting M.S. tubular trusses of all spans** as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S.	Kg	23192.00	123.48	2863748.16	23192.00	123.48	2863748.16	23192.00	2863748.16
20	**Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes** for Ramps staircase made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c fixed tot he ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes fixed horizontally for 2-rows top, one pipes fixed with vertical pipes another one fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with	Sqm	147.48	5982.86	882352.19	147.48	5982.86	882352.19	147.48	882352.19
21	Providing and fixing 6mm clear / opal white / solar / bronze / blue / green tinted multi wall **poly carbonate sheet** for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incidental charges etc. complete as per specification and directions of the engineer in charge of the work	Sqm	301.69	3477.58	1049151.11	301.69	3477.58	1049151.11	301.69	1049151.11
22	Providing and laying/fixing cement base, precast, pre polished cement concrete, **designer tiles 25mm thick for flooring** conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	259.00	1370.56	354975.04	259.00	1370.56	354975.04	259.00	354975.04
23	Providing and fixing **new Mangalore tile** on existing reepers including cost of materials, labour, complete as per specifications. Specifications	Sqm	200.75	452.78	90895.59	200.75	452.78	90895.59	200.75	90895.59
24	Providing and applying **enamel metal paint two coats (excluding priming coat)** over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	503.16	105.68	53173.95	503.16	105.68	53173.95	503.16	53173.95
25	**Providing Mangalore Ridge tiles** set in C.M. 1:2 and pointed with C.M. 1:2. including cost of materials, labour, HOM complete as per specifications.(P W D SR 2018-19, P-266, 1-37.7)	Mtrs	160.00	226.94	36310.40	160.00	226.94	36310.40	160.00	36310.40
26	**Natural Sand 5.6 to 75 microns** complete as per specifications. With all lead and lift as directed by engineer-in-charge of work	Cum	148.05	1870.01	276854.98	148.05	1870.01	276854.98	148.05	276854.98
29	Providing and fixing **Chorinated Poly Venyl Chloride (CPVC) p**ipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete, **32mm nominal OD** pipes with all lead and lift as directed by engineer-in-charge of work	Mtrs	222.00	251.42	55815.24	222.00	251.42	55815.24	222.00	55815.24

& Final Bill,

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

Item No.	Descrption	Unit	As per BOQ			Present Quantity			Total Up-to-date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
30	Providing and fixing **Chorinated Poly Venyl Chloride (CPVC) pipes** conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete, **50mm nominal OD** pipeswith all lead and lift as directed by engineer-in-charge of work	Mtrs	2814.00	480.59	1352380.26	2814.00	480.59	1352380.26	2814.00	1352380.26
31	Providing and fixing in position **brass gate valve with C.I wheel** of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS32mm nominal OD pipes with all lead and lift as directed by engineer-in-charge of work	Nos	5.00	923.35	4616.75	5.00	923.35	4616.75	5.00	4616.75
32	Providing and fixing in position **brass gate valve with C.I wheel of approved quality (screwed end)** nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 50mm nominal OD pipes with all lead and lift as directed by engineer-in-charge of work	Nos	5.00	1934.59	9672.95	5.00	1934.59	9672.95	5.00	9672.95
35	Providing and fixing **pre cast solid cement concrete kerb stones made out of C.C. 1:2:4** with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.		954.00	453.89	433011.06	954.00	453.89	433011.06	954.00	433011.06
36	Providing and laying **heavy duty cobble stones 60mm thick interlock pavers,** using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No.	Sqm	389.43	1171.43	456189.98	389.43	1171.43	456189.98	389.43	456189.98
37	**Supply & fixing of Pull Down Challenger** : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified	Each	2.00	263263.93	526527.86	2.00	263263.93	526527.86	2.00	526527.86
38	**Supply & fixing of Rider :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	100058.28	200116.56	2.00	100058.28	200116.56	2.00	200116.56
39	**Supply & fixing of Self Weighted Rower :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified	Each	2.00	183440.01	366880.02	2.00	183440.01	366880.02	2.00	366880.02

& Final Bill,

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Item No.	Descrption	Unit	As per BOQ			Present Quantity			Total Up-to-date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
40	**Supply & fixing of Tai Chi Spinners :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	127852.19	255704.38	2.00	127852.19	255704.38	2.00	255704.38
41	**Supply & fixing of Seated Chest Press :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	255704.38	511408.76	2.00	255704.38	511408.76	2.00	511408.76
42	**Supply & fixing of HD Sit Up Station :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	138969.54	277939.08	2.00	138969.54	277939.08	2.00	277939.08
43	**Supply & fixing of HD Health Walker :**All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is	Each	2.00	155646.10	311292.20	2.00	155646.10	311292.20	2.00	311292.20
44	**Supply & fixing of HD Squat Pushing** : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	239027.82	478055.64	2.00	239027.82	478055.64	2.00	478055.64
45	**Supply & fixing of HD Mini Ski** :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory.	Each	2.00	177081.09	354162.18	2.00	177081.09	354162.18	2.00	354162.18
46	**Supply & fixing of HD Waist Twister** :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is	Each	2.00	144528.74	289057.48	2.00	144528.74	289057.48	2.00	289057.48

NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020.

Item No.	Descrption	Unit	As per BOQ			Present Quantity			Total Up-to-date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
47	**Supply & fixing of Leg Stretch :** All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying	Each	2.00	43403.12	86806.24	2.00	43403.12	86806.24	2.00	86806.24
49	**Supply and fixing of childern Play Equipment Fiero A Swing :** Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site.	Each	2.00	112859.03	225718.06	2.00	112859.03	225718.06	2.00	225718.06
50	**Supply and fixing of childern Play Equipment Monker Bar VFM Support** posts of height 1.82 m are to be schedule Galvanized steel with a 60 mm OD (Outer Diameter).All the posts are to be finished with a baked on powder coat finish. Handrail of size 1.3 m and Dia 48 mm shall be an welded unit, fabricated from 48 O.D. galvanized steel pipes with a baked on powder coating finish. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel. Electro - statically applied polyester powder must have a tough finish	Each	2.00	84236.02	168472.04	2.00	84236.02	168472.04	2.00	168472.04
51	**Supply and fixing of childern Play Equipment Four Seater Seesaw :** SPECIFICATIONS The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 4 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site.	Each	2.00	95379.61	190759.22	2.00	95379.61	190759.22	2.00	190759.22
52	**Supply and fixing of childern Play Equipment Merry go round - DX** : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.5 mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel and of dimensions as 474 mmx 815 mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Dia 48 mm and	Each	2.00	75635.37	151270.74	2.00	75635.37	151270.74	2.00	151270.74
53	**Supply and fixing of childern Play Equipment Puppy dog Rider / Elephant rider / Horse rider** : : HDPE of size 0.83 m x 0.31 m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in". All rotational molding is carried out in state of the art, precision, bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free.	Each	2.00	49607.77	99215.54	2.00	49607.77	99215.54	2.00	99215.54
54	**Supply and fixing of childern Play Equipment Creppy Crawly climber:** The wavey support bars are of height 1.5 m are to be schedule HOT DIP Galvanized steel with a 48 mm OD. Powder coatings used is Akzo Nobel's. The finished products have the following typical characteristics: 0.5mm thickness, oven cured between 191oC and 220oC, to achieve Flexibility, Impact, Salt Spray (Corrosion) Resistance, Hardness, and Adhesion. All post caps are to be cast from aluminum which is pretreated, cured and sandblasted, 114mm diameter, with a baked on powder coat	Each	2.00	197542.14	395084.28	2.00	197542.14	395084.28	2.00	395084.28

& Final Bill,
NAME OF WORK : PROVIDING PATHWAY CHILDREN PLAY EQUIPMENTS AND OTHER DEVELOPMENT WORKS IN PARK AT DODDABOMMASANDRA LAKE IN WARD 10.

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Item No.	Work Order (Letter to proceed with work) No: EE-4/LAKES/WO/09/2020-21, Dated:16-04-2020. Descrption	Unit	As per BOQ Qty	Rate	Amount	Present Quantity Qty	Rate	Amount	Total Up-to-date Qty	Amount
EI-1	**Earthwork excavation by manual means for foundation** of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil notexceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.including breaking of clods complete as per specifications.in ordinary soil.	Cum	1266.30 1118.16	332.79	421411.98	1266.30 1118.16	332.79	421411.98 372112/-	1266.30 1118.16	421411.98 372112/-
EI-2	**Providing and removing centering, shuttering, strutting, propping & removal of form work etc.,** for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications.	Sqm	95.56	840.32 839.91	80300.98	95.56	840.32 839.91	80300.98 80260/-	95.56	80300.98 80260/-
EI-3	**Providing and applying ready mix priming coat over concrete / masonry /** asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm	253.73	41.18 41.16	10448.60	253.73	41.18 41.16	10448.60 10440/-	253.73	10448.60 10440/-
EI-4	**Providing and applying spray painting (excluding priming coat) over concrete / masonry /** asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give evenshade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as perspecifications.spray painting in two coat.	Sqm	253.73	94.61 94.56	24005.40	253.73	94.61 94.56	24005.40 23992/-	253.73	24005.40 23992/-
EI-5	**Providing casing embankment using semi-pervious soil from approved borrow areas** in layers of 250 to 300 mm before compaction including cost of all materials, machinery, labour, all other operations such as excavation, sorting out, transportation, spreading soil to specified thickness, breaking clods, sectioning, watering, compacting to density control of not less than 95 percent using power roller etc., complete with initial lead all lifts. (MI BCSR 2018-19.P-35,I-2.36)	Cum	370.22	169.05 168.97	62585.69	370.22	169.05 168.97	62585.69 62556/-	370.22	62585.69 62556/-
EI-6	**Providing and installing of approved make pre painted Galvalume iron Accessories**, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 - 550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling / self tapping screws of 25 mm length. (width upto 500-600 mm only), to be fixed over the existing purlins, rafters, channels and trusses.	Sqm	16.83	734.58 734.23	12362.98	16.83	734.58 734.23	12362.98 12357/-	16.83	12362.98 12357/-

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